

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SARMA V. VANGALA</td> <td>05/13/2013</td> </tr> <tr> <td>SWAMINATHAN BALAKRISHNAN</td> <td>05/13/2013</td> </tr> <tr> <td>CHANDRA S. CHETTY</td> <td>05/13/2013</td> </tr> <tr> <td>VISWANATH NAGARAJAN</td> <td>05/13/2013</td> </tr> <tr> <td>VIKRAM B. YERRABOMMANAHALLI</td> <td>05/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	SARMA V. VANGALA	05/13/2013	SWAMINATHAN BALAKRISHNAN	05/13/2013	CHANDRA S. CHETTY	05/13/2013	VISWANATH NAGARAJAN	05/13/2013	VIKRAM B. YERRABOMMANAHALLI	05/13/2013
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<table border="1"> <tr> <td>Name:</td> <td>Apple Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1 Infinite Loop</td> </tr> <tr> <td>City:</td> <td>Cupertino</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92128</td> </tr> </table>		Name:	Apple Inc.	Street Address:	1 Infinite Loop	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	92128		
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CORRESPONDENCE DATA													
<p>Fax Number: 8586751674 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 8586751670 Email: docket@gazpat.com Correspondent Name: GAZDZINSKI & ASSOCIATES, PC Address Line 1: 16644 WEST BERNARDO DRIVE Address Line 2: SUITE 201 Address Line 4: SAN DIEGO, CALIFORNIA 92127</p>													
ATTORNEY DOCKET NUMBER:	APPLE.447A/P14411US1												
NAME OF SUBMITTER:	Mark I. Wang												

CH \$40.00 13860406

Signature:	/Mark Wang/
Date:	06/26/2013
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT

WHEREAS, We, SARMA V. VANGALA, SWAMINATHAN BALAKRISHNAN, CHANDRA S. CHETTY, VISWANATH NAGARAJAN, and VIKRAM B. YERRABOMMANAHALLI, have invented certain new and useful improvements in an **APPARATUS AND METHODS FOR STATE SUSPENSION IN HYBRID NETWORKS** for which we have filed an application for Letters Patent on April 10, 2013, in the United States, as Application Serial No. 13/860,406, which claims priority to U.S. Provisional Patent Application Serial No. 61/622,453, filed April 10, 2012;

AND WHEREAS, APPLE INC. (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 1 Infinite Loop, Cupertino, California 95014, United States of America, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

ASSIGNMENT

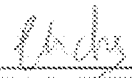
Executed this 13 day of MAY 2013.


SARMA V. VANGALA

Executed this 13 day of Nov 2013.


SWAMINATHAN BALAKRISHNAN

Executed this 13 day of May 2013.


CHANDRA S. CHETTY

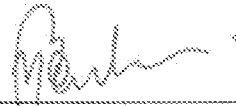
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Executed this 13 day of May 2013.



VISWANATH NAGARAJAN

Executed this 13 day of May 2013.



VIKRAM B. YERRABOMMANAHALLI